



CONTAMINATED SOIL REMOVAL
FROM THE FORMER REN PLASTICS, INC.
SOUTH CEDAR FACILITY

Prepared For:

Ren Plastics, Inc.
4917 Dawn Avenue
East Lansing, Michigan 48823

Prepared By:

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INTRODUCTION

On July 7, 1985, Ren Plastics/Ciba Geigy requested Snell Environmental Group (SEG) to manage the removal of contaminated soils from a facility previously operated by Ren/Ciba Geigy at 5656 South Cedar St., Lansing.

The property is currently owned by the Renaud Trusts, 1000 Michigan National Bank Building, Lansing.

Project Development and Scope

SEG's involvement with the clean-up began with the analysis of soil samples resulting from a boring and sampling program conducted by Keck Consulting for Ciba Geigy/Ren (Figure 1).

Additional samples of sludge solids were collected from the septic tank and drain field in the front (east) portion of the property.

Based on the analytical results of these samples, Ciba Geigy/Ren and the Michigan Department of Natural Resources entered into an Agreement. This agreement was described to SEG by Michael L. Robinson, Ciba Geigy's attorney. The work plan generally consisted of items which were to be managed by SEG:

1. Pump out the septic tank which lies between the building and Cedar Street and dispose of the material at a hazardous waste management facility.
2. Remove the concrete pad in the fenced portion at the rear (western) side of the building. Excavate the upper 1.5 feet of soils in that fenced portion except that in the area (approximately a 7-foot radius where practicable) of Borings B-5 and B-2 the excavation shall be to a depth of approximately 3 feet. The removed concrete pad will be transported to a Class II disposal site. The excavated soils will be transported to a hazardous waste management facility.
3. The excavation will be backfilled with clean soils and the fence will be replaced.

Field Activities

The excavation of the contaminated soils was performed by Granger Excavating Company, Lansing. The concrete slab, walk and fence were removed. The concrete was hauled to Granger Waste Management Facility as per SEG's original letter to Ren. The soils were excavated to a depth of 2.5' over the general area and to a depth of 4' in the area around soil samples 1 and 5 (Figure 1). Two hundred eighty (280) cubic yards of material were transported as a hazardous waste to Wayne Disposal, Inc. in Belleville, Michigan by R & M Trucking, Ecorse. The area was then backfilled as outlined in the agreement between Michigan Department of Natural Resources and Ren/Ciba Geigy. The fence was then reinstalled in its original location.

The septic tank was pumped out by Valley City Disposal. Seven hundred (700) gallons of liquid and sludge were removed, manifested and transported to Michigan Disposal, Inc., Belleville. Due to the coarse, heavy nature of the sludge, 1 foot of material was left remaining on the bottom of the tank after pumping. The remaining 3,000 pounds of sludge was then placed into drums, manifested and transported by Valley City Disposal to Wayne Disposal, Inc. The septic tank was then backfilled with sand.